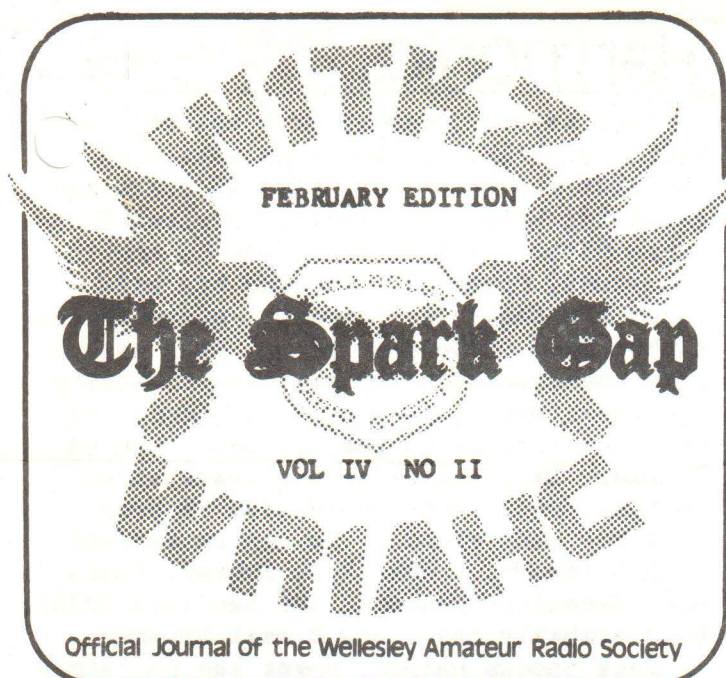




"January nips the fingers, February's full of snow"....so goes the song we used to sing in grade school. So, according to the lyrics, it seems that January would have been cold but with the first meeting of the year, the KM1CC Marconi celebration, George Downe W1CT, our January speaker and the SET (Simulated Emergency Test), I would say it was a rather hot month for our club.

And for the February part, with a lot of snow, it often means to stay inside by the fireside but in our case it meant doing a lot of planning of club activities such as our auction and field day.

At the first meeting on Feb. 2, 1978 we will have Robert Mason from the Federal Aviation Agency as our principal speaker. I do not know the subject of his talk as he had been ill and unavailable at press time. So let's say it will be a surprise subject and let it go at that. They usually talk on some pretty interesting subject such as tornadoes, weather patterns etc.

At the first meeting in January we asked those present to submit possible sites for our field day and these sites have been looked into to see what is best for our interests and will be reported to you on the Feb. 16th meeting as to where we will hold Field Day 1978.

On January 29th we held our SET in coordination with the Middlesex Radio club on the 2 meter repeater. This was a good exercise since whenever we are alerted for a possible emergency, both clubs use this repeater to maintain their communications and doing this together lessens the con-

fusion that could arise if we both used the repeater as two separate bodies. When hurricane Belle was threatening to hit our area, we shared the repeater and it worked out just fine and though the hurricane did veer up into the central New England area, we were ready, just in case. We had a few shortcomings but experience has ironed out this and the exercise was considered a success. John Turrell W1ZLO and Scott Nacey W1YQJ, took the reins for the Wellesley club and did a fine job. A special note of thanks for those who participated in making this possible.

I have been informed that on Feb. 9th the Middlesex Radio Club will have a very important speaker addressing them at the West Newton Police Station to talk on a subject very close to every ham and that is THE 1979 WARC PREPARATIONS AND THE ARRL. The speaker will be Bruce Johnson, WA6IDN/W1ZQP, who is right up on this subject and is in charge of the International Affairs of the League. Everyone is invited and the meeting will start at 8:00 PM. We hope to see a good representation of the Wellesley club there. There is usually parking at the rear of the Police Station.

Having completed our Natick Mall Message Fair we have gone on to other things but we are still getting in thanks from all areas. We originated 1242 pieces of traffic at the Mall and serviced a few others. Since there were so many hams on the outside who helped us relay this traffic, we sent them a letter thanking them for their help. I have, in turn, received numerous radiograms back saying BT Thank you for your note about assisting with the Natick Mall traffic X What a nice way to make people feel good X 73 BT This was the actual text of one such message and all conveyed the same feeling. We also got a post card from a non-ham who said, "Keep up the good work, this is the first time I have been able to send a radio gram to my grandchildren and I got as big a thrill out of it as they did. Thank you very much." So, as a member of this club, you can walk anywhere with your head up high, knowing that people look up and respect what our club stands for. Without your

MEETINGS THIS MONTH:

FEB. 2 7:30 PM Guest speaker

FEB. 16 7:30 PM Planning Auction

Intermediate Bldg., Wellesley Hills, Mass.

help it couldn't have happened. Thanks again folks and we trust that you found a bit of enjoyment in doing it.

"New Tickets"



Each month we have members who have upgraded their tickets. If you have done so, don't forget to notify us so we can give you recognition of this fact.

We salute the new Generals, Bernie Bettinelli W1YXB, Tony DeCicco WB1BUS, Ken Veznaian WB1FCY, and Ted Gruber WB1ECE. To new Technician Ted Robertson, WB1ECL, to Advanced Jim Hatherley W1TBY and to Extra Nels Anderson W1TUH but now has a new call K1UR. Novices who now have their call signs are Gene Behrens WB1FWY, John McGlinchey WB1GES and finally, Kevin Kelly has had his advanced ticket for some time but has never received mention in the Gap so Kevin, W1YHV, Congratulations and the same goes to everyone who upgraded.

OOPS! Almost forgot to include among the new Generals, Mark Dinman WB1FCO. (Sorry Mark, better late than never!).

* * * *

NEW CLUB MEMBERS

Meet our newest members: Carl Levine WB1ECK, Frank Callahan, no ticket yet but he has passed his novice exam, Rex D'Agostino WB1FTM, Gary Anderson WB1DGV, Scott Levin, Mark Keller, Tony Fusco WB1FTD, Irving Geller W1CDW, Pete Stonberg K1PS, Carl Achin W1ZCQ, Dr. Phillip Smith, Karen Smith, Mark Dinman WB1FCO and George Knight. On behalf of the rest of the club we wish to welcome you and remind you that as a member, all of the club's facilities are available to you, including use of our station console. Once you have a license, please inform us so it can be affixed to your name on the roster sheet.

For all club members.....just a reminder to wear your nameplates when you come to the club so others can identify you and make our 'family' that much closer.

If you don't have one, they can be purchased from Madeline Heine WB1FCX for the sum of \$2.50. Call her at 235-1120.

* * * *

If you decide to go to the club to use the station, there is a bell on the right side of the door. Ring it and someone will come down to open the door for you.

Harmonics About Town



Does anyone remember Brad Rohrer, ex-K1CTK, ex-HP1XDC? Brad was active in the club's program more than 10 years ago. Recently, Walt Lenk, K1YTY, received Christmas Greetings from Brad, who is now in Frankfurt, Germany. Brad and his wife Surry had their 1st harmonic, named Christopher Deam on October 14th. Brad has been employed with the American Consulate General's Department for many years. He has seen service in the Far East, and in Panama. Last August he was transferred to Frankfurt. Brad would like to hear from his old friends. He can be reached by writing Mr. & Mrs. R.D. Rohrer, American Consulate General, APO New York 09757. Brad probably has a new D call by now.

Pete Spotts WB1BUP, spent the Christmas holidays out in sunny California but he told us it rained about 7 of his 10 days out there. He couldn't wait to get back to Boston with his wife Kathie, who both love the snow. (to each his own).

Bill Downing W1PQY, has a new Yaesu FT227R 2 meter rig. It is synthesized, has a digital readout, covers the entire 2 meter band from 144 to 148 MHz and all has a memory button to return to your favorite repeater. It is a honey of a rig and cost less than \$300 bucks.

Jim Murphy WB1BUR, has a Hi-Gain beam for 10-15 and 20 meters and is spending a lot of time on these bands.

John Turrell W1ZLO and his XYL just had their first harmonic and all was never better at their Wellesley QTH. Good Luck.

Bob Arnold WB4AOH, ex-W1UZM, is stationed on a U.S. Destroyer out of Charleston, S.C. He just got his rig on the air after having bought a house down there. Bob used to do the Profiles column in the Spark Gap while he was up here in Boston. He asked to be remembered to you. His address is 390 Furman Lane, Ladson, S.C. 29456, Tel:(803) 797 1586.

Walt Lenk, K1YTY, is having a lot of fun with his Yaesu FT-101EX on the low end of the Novice 15 meter band. Recently, he installed a trap dipole for 10-15-20 in his attic only 26' long with 96' of RG59U coax to the rig. Walt's first contacts with the attic antenna resulted in qso's all through 4 and 5 land. He thinks the attic antenna may work even better when

2/78

The Spark Gap

Official Journal of the Wellesley Amateur Radio Society



EDITOR-IN-CHIEF, JAMES W. HATHERLEY

THE "SPARK GAP" IS A MONTHLY PUBLICATION OF THE WELLESLEY AMATEUR RADIO SOCIETY. ITS SOLE PURPOSE IS TO KEEP ITS MEMBERS ABREAST OF CURRENT HAPPENINGS, F.C.C. RULES & REGULATIONS CHANGES AND TO LIST EQUIPMENT OFFERED FOR SALE OR TRADE BY MEMBERS. MEMBERS ARE ENCOURAGED TO CONTRIBUTE TO THE SPARK GAP AND MAY SEND THEIR ARTICLES (TYPEWRITTEN IF POSSIBLE) TO THE EDITOR-IN-CHIEF OR TO THE CLUB ADDRESS.

THE WELLESLEY AMATEUR RADIO SOCIETY IS A NON-PROFIT ORGANIZATION DEDICATED TO THE PROMOTION OF AMATEUR RADIO THROUGH INSTRUCTION, FELLOWSHIP, DEMONSTRATION AND ENCOURAGED PARTICIPATION. ANNUAL MEMBERSHIP IN THE SOCIETY-\$5.00. CLUB YEAR RUNS FROM SEPTEMBER 1 - JUNE 30. AMATEUR NOVICE AND GENERAL CLASSES ARE CONDUCTED REGULARLY AT NO COST. TO ENROLL IN A CLASS OR GAIN INFORMATION ABOUT THE SOCIETY IN GENERAL, WRITE THE WELLESLEY AMATEUR RADIO SOCIETY, 324 WASHINGTON STREET WELLESLEY HILLS, MASS 02181



HEARABOUTS.....CONT'D.....

there is more snow on the roof. We will see about that.

education corner



Having completed successful Novice and General Classes just before Christmas, it was again time to start new classes but we needed instructors as indicated in the last edition of the Gap. Dick Weissel W1HRV, came forth to teach the Novice group which began on Jan. 23rd at 7:00 PM. We are still looking to get the General classes started as there are many people awaiting to upgrade their tickets. By the time this is being read, we should be along with the General classes but for the future, please give instructing some serious thought because if we have nobody to teach, then we will just have to eliminate these classes and that would be a black eye to what this club stands for, the betterment of Amateur Radio.

I feel the main reason for the reluctance to volunteer stems from the fact that

EDUCATION CORNER.....CONT'D.

you don't feel qualified to teach. This I can understand but with the ARRL teaching guides to go by, it isn't all that difficult and you will have the personal satisfaction in knowing that you gave some kids the opportunity to get started in hamming, similar to the time when you first got your own tickets as a result of these classes. If you still have any doubts, why don't you attend some of these classes so you can see the material that is provided. In doing so your confidence will grow stronger, once you have removed any doubts about your ability. So call Bill Downing W1PQY and let him know that you are interested in helping with the classes.

In past times we have had various people teaching the classes such as, Don Chesley W1HVS, Joe McGrath W1JIR, Mike Adlerstein K1FB, David Goldman W1YSW, Bob Rudko W1HSS, Chris Wiles W1RGA, Bill Downing W1PQY, Dave Smith K1BSO, Dick Weissel W1HRV, Bob Woodbury K1ZL and Marshall Cannell W1DMC. If I have overlooked anyone, please let me know so I can give you equal time but it is gratifying for you to have given of your time and talents so unselfishly. Thank you.

* * * *

The idea of holding bench seminars seem to have been just what the doctor ordered. Many at the club have expressed interest in this and we hope to put this into reality very soon. This would include things like how to solder properly, how to take measurements of all types from actual circuitry and where in your rig certain phases of it are so you can identify, say the oscillator or the final amplifier stages. We are working out some of the details and hope to have it in total to present to you in the next edition.

OFFICIAL BULLETIN

ARRL OFFICIAL BULLETIN NR 685 DEC 22, 1977
BT The composition of the five ARRL Advisory Committees for the coming year has been announced by President Dannals, W2HD. The Contest Committee chairman is W1NG, with members W2FVS K3ZO K4PJ W5MYA N6NB K7GM K8H1R K9UIY KOMM and VE7TT. The VHF Repeater Committee chairman is W6GO, with members W1GXT K2QPF N3AA WA4WTX K5FOG WA6LVB WA7MWC W8GRG K9LSB WB0CJX and VE1AKT. The DX Committee chairman is W3ZN, with members W1OT W2XN N4MM K5LM K6AAR W7YTN WB8EUN

OFFICIAL BULLETIN....CONT'D.

K9AM EOUO and VE3QA. The Emergency Communications Committee chairman is W6INI, with K1UAQ N2JC WA3PZO WA4PBG WA5MLT W7DO WA8NDY W9UDMH WOPB and VE5CU. The VHF/UHF Committee chairman is W1JR, with members K2RIW W3HMU WA0DJY/4 N5RA WB6NMT W7FN WA8ULG W9YF W0LER and VE3AIB. Correspondence for any of the committees may be addressed directly to the members or routed via ARRL Headquarters. AR

* * *

NR 687 Jan. 5, 1978

Start the new year right by sending for your 1978 ARRL Operating Events calendar. The eight and one half by eleven inch sheet details United States amateur frequency and mode allocations, license renewal information as well as dates for all ARRL operating activities and previously scheduled conventions. To obtain your free copy, send an addressed envelope with thirteen cents United States postage to ARRL, 225 Main St., Newington, Ct. 06111.

"Timeout!"

by Mike Adlerstein K1FB

Everyone is excited about the "computer revolution" and well they should be! According to the experts, there'll be a micro computer in most American homes by the end of the century. Hams are at the forefront of the revolution judging by the number of amateurs who now own computers and write articles in the computer hobby magazines.

One of the most interesting ham radio applications for the microcomputer is in control of repeaters. What is meant by "control"? Every repeater, in addition to ears and mouth, must have a brain. It must know when to transmit, when to time out, when to identify. If there is an autopatch and test functions, it must know how to dial and how to respond to questions.

In most repeaters, the necessary "brain" is contained in a group of circuits known as the "logic". The circuits consist of a timer, sensors which determine the status of the repeater, and control lines which pass instructions to change the status. All the responses to given conditions are determined by how these circuit elements are wired together. This wiring

TIMEOUT.....CONT'D.

can get quite complicated even for a simple repeater. If you want to change any of the rules by which the repeater operates, you have to rewire them with a soldering iron and hope for the best.

Enter the computer. With a computer, the control and status lines enter the computer. Their interaction is determined purely by the computer program which is simple to understand, and modify by merely typing in new instructions.

Did you know that the Weston repeater 22/82 is computer controlled? It may be the first of many in this area.

* * * * *

REMINDER: In using the 96/36 repeater, try to leave a two second pause between transmissions. This is as a courtesy to breakers. It is not necessary nor desirable, to wait for the taildrop.

ELECTRONIC EXCHANGE

For Sale: Drake TR33C walkie with 10 crystals 52, 94, 36, 64, 79, 85, 73, 67, 39 and 91.(rcv fqs), nicads, manual, charging cord, power supply and internal antenna, in original carton and good condition. Price \$230. Call Dave Curry WALTAK, 235-2450 after 6 PM.

For Sale: Drake TR33C with 14 crystals, 52, 94, 55, 36, 64, 67, 70, 82, 61, 15, 79, 85, 73, 88. Nicads, charger cord, manual in original carton. Price \$210. Call Scott Nacey W1Y0J, 235-1599 after 6 PM.

For Sale: I-COM 230 synthesized 2 mtr xcvr. with two sets of car mounting brackets. Price \$225. Call Dick Weissel W1HRV at 655-2366.

For Sale: Standard 146 Walkie, fully crystalized including 96/36. Trimmers on all channels, nicads, charger, carrying case, service manual, lighter adapter, external antenna whip and rubber duckie and antenna adapter. \$200. Call Eric K1NUN 899 9463.

QSY PLEASE, de WITKZ



QSY PLEASE.....CONT'D..

If you're on 10 meters and someone asks you for your 10-10, don't think you're being accosted by a fugitive from CB or police radio, you're being asked whether you're a member of one of the largest nets in the world. The Ten Ten International Net, Inc., spawned in California in the late 60's as a scheme to keep 10 meters alive with activity after having lost 11 meters to you know who, boasts over 18,000 members and will expand even more with the coming peak in solar activity. Today, it's not possible to operate on 10 and not hear 10-10 numbers and hundreds of certificate numbers from local 10-10 chapters being swapped. So how do you join in the fun and do your share to keep 10 hopping with activity?

First, you have to collect 10 of those 10-10 numbers, recording the date, time, call, 10-10 number, name and qth; send them off with \$4.00 (\$3.00 dues plus \$1.00 initiation fee), to our 1st district manager and 10-10 V.P., Earle F. White, W1NC 117 Brattle St., Arlington, Ma. 02174 and about a week later, back will come a beautiful certificate with your 10-10 number affixed. You'll also get a quarterly bulletin from HQ in California. If you'd like to clean up your certificate requirements in one fell swoop, check in to our local chapter (the Massachusetts Minute Man Chapter) net any Tuesday night at 7:30 local time, on 28,609 Khz. NCS is Newsy, W1FFT in Saugus and we average 18-20 check-ins a week - more than enough to qualify for your certificate.

Once you get your own number, you automatically become a member of our local Chapter and you can qualify for our own Minute Man certificate as well as chase the hundreds of other Chapter certificates, if that's your bag. The 10-10 Net also has awards to augment your 10-10 Certificate for each 100 numbers collected.

Although the 10-10 net has principally been restricted to General Class or higher because the major 10-10 activity is on 10, nothing in the 10-10 regs prohibit Novices from qualifying (in fact it's a buck cheaper) down in the Novice segment

of 10 meters on CW. The problem is that there is seldom any 10-10 swapping going on down there, much less any over abundance of activity. To assist the Novice in joining the 10-10 fun, the Massachusetts Minute Man Chapter has voted to sponsor the first Novice 10-10 net. That venerable old man of WARS (and a charter member of the Mass MM Chapter), Jim Hatherley, W1TBY is going to be the first NCS for this net. The speed will be quite slow so that no one will be unable to copy the NCS station. We will meet on 28,150 Khz on Sunday nights at 9:00 PM local time. We hope to pass NCS around to other stations as our net grows. So come join us with a 10-10 number and pass it out, or without a number and collect them. As the activity on 10 meters peaks, we can be the pioneers in triggering off a mess of activity in the CW segment and give our Novice brothers another taste of what our hobby is about.

If you can, come join us on our phone net too. All are always welcome with or without numbers.

de Saul B. Dirman, K1PDX, 10-10 #2489
Minute Man Chapter Certificate Mgr.

----- NOTICE TO ALL CLUBS RECEIVING THIS ISSUE:

We would like you to reprint the last article in your own paper so that the word can get around for these two ten meter nets. Thanks, Saul.

----- ANNOUNCEMENT

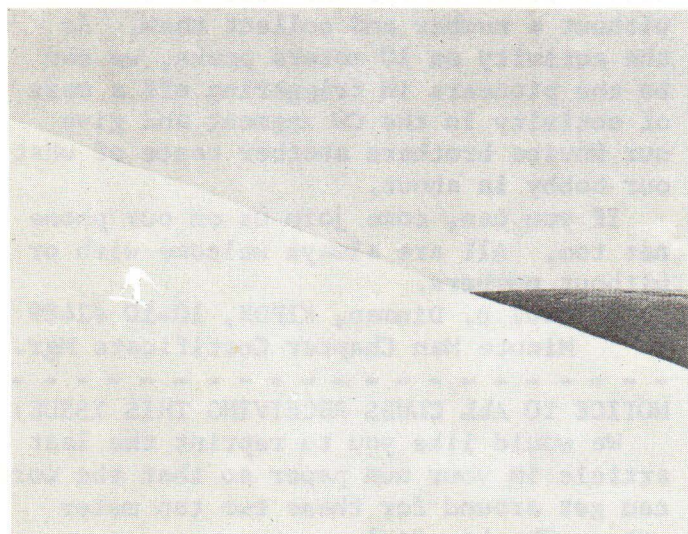
Kevin Kelly, W1YHV, is Chairman of our auction this year and it will take place on April 15, 1978 at the Wellesley High School. Check-in at 10:00 and auction starts at 11:00 sharp. Talk in will be provided on 96/36 04/64 and 52 direct. We expect it to be as successful as last year and will further discuss the details at the Feb. 16th meeting. Wellesley High is located on Rice St., Wellesley Hills Ma. for the benefit of outside readers. Flyers complete with a map, will be provided on request or at your favorite electronics outlet. Watch for them sometime in late February. More details in the next edition.

INTERESTED? : Roger Smith WLEOA says that for those club members who are trying to keep old tube type receivers and transmitters in operation, he has a fairly good supply of octal and some loctal and other types on hand, mostly used pull outs. Just give Roger a growl. You can find his number on the club roster.

* * * * *

profiles

Snow in Hawaii???? Sounds a bit far-fetched but below is a picture of Mauna Kea on the big island of Hawaii. More on this as we get into this profile.



During the dark years of World War II a light shone in Boston where, in 1944, Dave Smith made his debut. Dave is K1BSO.

He went to grade school at the Shady Hill School located near the Mt. Auburn hospital. He later transferred to the Phillips Academy in Andover for his High School training and then after graduation in the class of '62' he went on to Harvard as an English major and graduated from here in 1966. To finish off his formal education he then went out to Reed College in Portland, Oregon for his graduate degree. Upon finishing here he got a position at the University of Hawaii in their laboratory school where he taught for two years.

While in Hawaii, Dave founded the Ski Association of Hawaii and this hardy group would drive up the trails of Mauna Kea where there is snow at the top 2000' of its 14,000' height. The snow lasts from

PROFILES.....CONT'D.

October to June usually. On the mountain there were no ski lifts so all skiing was done the hard way when it came to returning to the top for another run. (local skiers take note).

Two years in Hawaii and then Dave went back to Shady Hill School, his old grade school, where he accepted a position as a teacher there and has been there now for 11 years.

Not only is he a respected teacher here, but in the springtime, he takes some of his students who live nearby to school with him.....in a canoe. Yes, David makes an 11 mile canoe trip to school on the Charles River which includes having to make four portages along the way. The first is at Moody St., Waltham, then at the Star Market on Pleasant St. Watertown, another at Bridge St., Newton and the last at Watertown Square. Coming home to Newton is another story, he just calls up Suzanne, his wife, and she comes down with the car and picks up Dave, the students and the canoe for a return trip the easy way.



While visiting a friend who was a patient in a local hospital, he met Suzanne, who was also visiting his friend and as things turned out, they got married so I guess it was love at first sight. They have been married for 11 years now.

Dave got his first ham ticket in 1957 as a novice, K1BSO but after one year his ticket expired, and so did Dave from ham radio until the bug bit him in 1976 when he got his new novice call, W1AKL. He soon went up for his General and Advanced tickets and requested the return of his

PROFILES.....CONT'D.

old call which was granted as K1B90.

David has been active in the club and just completed instructing one of our Novice classes. He does check into both CW nets and phone nets and often you will hear him as NCS on the Heavy Hitters Traffic Net on the Waltham Repeater 04/64. He uses a Tempo VH-1+ at home and a Standard walkie when mobile. At the moment he has no low band gear but is working at getting one.

David, the educator, besides conducting one of our classes, also has just completed a class of 15 students at the Shady Hill School which has a radio station of its own there. He finds the results gratifying to see young people get off on the right track. (Dave started the radio station too.)

Dave's wife Suzanne is also a teacher in the Sherborn School system and both are interested in common hobbies like cooking, skiing and bicycling. David incidentally, is a member of the National Ski Patrol. He also teaches first aid for the Red Cross. Further hobbies of this busy man are radio, collecting antique musical items such as the Edison Gramophone that you see in his picture which uses the cylinder type records, backpacking and, being a private pilot, likes to use some of his 'spare' time pursuing that hobby.

In his thirty four years of being around, he sure has accomplished a lot and we wish him good luck in his future ventures as he goes through life a dedicated man of the highest caliber.

OFFICIAL ARRL BULLETIN NR 688 JAN 12, 1978

February presents an excellent opportunity for every amateur to test frequency measuring skills by taking part in an ARRL Frequency Measuring Test. W1AW will transmit signals for measurement on Feb. 12 at 0300 and 0600 UTC. This is the evening of Feb. 11, local time. The first test will take place on approximately 14,128, 7040 and 3552 KHz. Three hours later the second series of test signals will be transmitted approximately on 14,082, 7030 and 3561 KHz. Each participant's report will be compared with that of a professional frequency measuring laboratory. Further details appear on page 91 of January QST.

AT THE MIDDLESEX R.C. MEETING of Feb. 23, Bob Bello, W1KTY, will be speaking on Ion Implanting, and it sounds interesting. All are invited. Meeting at 8:00.

"The Decoder"

The Wellesley Amateur Radio Society's slow speed novice net seems to be heading toward a quick demise. Originally this net was intended to send out code practice first and then keep the station open for the purpose of holding qso's and help our members get closer together by this means.

While we are still working on the CW code practice, it still hasn't been perfected as yet but we will continue to work at ironing out its bugs.

Meanwhile we have opened this net at 8:30 every Sunday night at 21,120 KHz but after a few months of operation we have been getting an average of one check-in per session and 1/4th of a message average.

In order to keep this net in operation we need participation. If things continue to remain this way, then we will have no choice but to close this net until we have more participation. It seems a shame as it is on such nets that you fellows who would like to build up your code speed for your general tickets, could really get some excellent practice but that is up to you. Don't let this net close guys, you really need it. de W1TAK, Net Manager

Did you folks catch that article sent in to QST by Evelyn Adlerstein W1CTZ in the STRAYS section, page 32 in the Jan. 78 QST? Good going Ev.

Hereabouts...

David Farrington, W1FCV, has notified us that he now has his technician's ticket and hopes to build up his code speed for a shot at the general. Congratz David.

TS-520S seem to be in vogue. Scott Nacey W1YQJ, Chad Johnson W1YHT and Tony Fusco W1FTD all have such fine rigs and Hal Alman W1TKD has a new TS-520. Joe Garfield talks about his digital new rig, a Triton IV. All the best gentlemen and hope to hear of you working DXCC before long.

Tim McNamara is back on the air after his accident and says that he is coming along nicely and says hello to the gang. Tim is W1YHU. He hopes to make a meeting soon.

HEARABOUTS.....CONT'D.

Garry Anderson WB1DGV, now has his general ticket and is active on 2 mtrs and for the low bands is operating a Kenwood TS-520S. Well Done Garry.*

For What It's Worth Dept: (reprint from Larkfield ARC Bulletin). The Kenwood TS-820 is a splendid rig but a little short on RF output. This may be remedied by increasing the final screen voltage and putting more resistance in the bias adjustment circuit to put the idling current on target. Drive problems to a big linear have been traced to improper loading of the final and resulting impedance matching.

* * * * *

Calendar AUCTIONS AND FLEA MARKET ACTIVITIES.

Feb. 24 MA Norwood ARC Auction 7:00 VFW hall at RTE#1 and Dean St., Norwood.

Feb. 25 MA Algonquin ARC flea market at St. Mary's School, 10:00 to 3:00 on Broad St., Marlboro Mass.

Apr. 9 CT Pioneer Valley Rept. ASSN flea market and auction, Newington High School, Newington Ct. 10:00 to 5:00

April 15 Ma Wellesley ARS Auction at the Wellesley High School, 50 Rice St., Wellesley. Check-in 10:00 Auction starts at 11:00. Talk in 96/36 04/64 52/52.

Apr. 28 MA Central Mass ARC auction 7:00 PM American Legion Post 341, 1023 Main St., Worcester, Ma.

Apr. 29 MA Framingham ARC. Flea market 10:00 to 3:00 Drill Shed behind Framingham Police station.

May 7 Ma South Shore ARC auction and flea market Viking club, 410 Quincy Ave., (RTE 53) E. Braintree, Ma. 10:00 for flea market and 2:00 for auction.

May 13 NH Horsetraders Swap-fest 9:00 AM. Deerfield Fairgrounds, Deerfield NH. Talk in.

May 20 RI RI-FM RPTR (16/76) 10:00 AM. Flea market 1:00 Auction Steer's Beach Club on Waterman Lake, Greenville, RI. 195 to I295 to RTE 44 West. (3.4 Miles)

DERRY NH SWAP NET EVERY TUESDAY 10:00 PM 25/85.

Horsetraders Net. Sun. 4-6 3940 thru April

CALENDAR.....CONT'D.

We hope to keep this list as current as possible, so if you have news of auctions or swap-fests or flea markets not listed please send the info to Ray Shoop, N1CW, 13 Royal Crest Dr., Marlboro, Ma., 01752..

- - - - -
We have been trying to sell our club rig, the Collins KWM-2 in order to purchase something later in the state of the art. It has been decided to ship the rig back to the Collins people to look it over and diagnose what needs to be done in order to make it a top-notch rig. In the meanwhile, we will have the loan of Bill Downing's HW-101.

* * * * *

All of which brings us up to time. Dont forget the husbands, wives and girl friend on Valentine's Day. It could be the gateway to that new piece of equipment you did not get for Xmas.

Dont forget to send in any articles of interest for the Gap whenever you can and if you have noted any errors in the club roster printout, please let us know so the changes or corrections can be made.

For you novices who have attended our classes and have received your tickets, let us know what your calls are, we need them for the roster.

Now that all this has been done, it is time for your Editor to leave the "Fire-side" and get on with his other chores.

73 to all, 88 to the gals and for all 99 (God Bless).

Jim Hatherley, WALTBY
Editor *

Late message received on NENN on JAN 18.

BT A SHOP AND SWAP NET WILL OPERATE ON 3720 KHz SUNDAYS AT 10:00 EST X NET CALL IS CQ SHOP X LIST GEAR ADDRESS AND PHONE NUMBER X A LIST OF GEAR ON THE HOOK WILL BE TRANSMITTED X 73 BT K1PNB AR

(* New England Novice Net)

- - - - -
Anyone interested in getting your articles into this paper, try to get the information to Jim Hatherley, WALTBY no later than the 2nd weekend of the month so it can appear in the next edition. If you don't make the deadline, then it will have to appear in the following month's edition.

DX

by Bob Rudko
WLHSS

One of the problems a dx'er has is getting the dx stations to work him. It is especially difficult if he doesn't have a strong signal and the dx station has to struggle to copy him. The station has no incentive to work him, since he has probably worked thousands of U.S. stations, and hundreds of Wl's, and in addition, probably has a shoebox full of QSL cards. One of the ways in which the ARRL has tried to remedy this situation is by holding the International DX Contest.,

In the ARRL DX Contest, amateurs in other parts of the world get points for working U.S. stations (and only for U.S. stations). U.S. amateurs, on the other hand, only get points for working foreign stations. What this does is make foreign amateurs want to work as many U.S. stations as possible, giving the U.S. amateurs the opportunity to work dx which usually would not be available to them. There are several contests of this sort which open opportunities to work dx stations, but this one is the biggest.

The contest runs for four weekends: two for phone, and two for CW. The phone weekends are February 4/5 and March 4/5 and the CW weekends are February 18/19 and March 18/19. For details on the contest, see QST, December 1977, page 67.

In general, the best way to work the good dx in the contest is to, first, tune around and listen. When you hear a dx station say "CQ Contest" or "QRZ Contest", then give your call. A typical phone exchange will go as follows (the dx station transmissions are underlined):

CQ Contest from JY9VK

WLHSS

WLHSS, 59-500

JY9VK from WLHSS, QSL 59-500 you are
59 Mass

QSL, 59 Mass, 73 QRZ Contest from
JY9VK

With this type of exchange, a station can work over 100 contacts an hour!

DX.....Cont'd.....

One thing you might also ask the dx station, after you give his report, is if he has a QSL manager. Next month we will discuss getting dx QSL's and QSL bureaus and managers.

- - - - - de Bob, WLHSS AR - - - - -

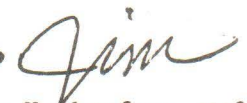
We have just received the information for the meeting of February 2nd. Bob Mason from the FAA will be showing a film and talking about "Electronics in the FAA" It should be interesting, all are invited.

- - - - -

For you fellows whose hobby is photography, here's your chance to participate in the first annual ARRL photo contest. Details are on page 57, Jan. QST 1978. Good Luck!

- - - - -

With the second meeting of January but a few hours away, it is time to really secure this edition of the Gap. So, once again it has been my pleasure in making this 'fireside' chat as interesting as possible, so without further adieu, my regards to all.

73, 
Jim Hatherley, WALTBY
Editor....

INTERESTED IN A DAY ON THE SLOPES IN NEW HAMPSHIRE?? Our resident ski pro, WB1BUQ will be finalizing details for either February 4th or 11th, all the day. Contact Dick either at home or on the air and let him know your preference of days, if any. (Phone 235-6371). So whether you're advanced or novice (skier that is) or not even a skier at all, join us. I for one who don't ski plan to be there. Let's have a good turn out for this club trip, call Dick now while it's fresh in your mind and I'll see ya on the slopes!

de, JOE McGRATH, WALJIR

The Spark Gap



**WELLESLEY
AMATEUR RADIO
SOCIETY**

324 Washington Street
Wellesley Hills, Massachusetts 02181

FIRST CLASS MAIL

